

ABSTRACT OF THE DISCLOSURE

The present invention relates to an article of manufacture for detecting motion that includes a substrate with a plurality of volumes of material, where each volume is capable of transmitting light from one location on a surface of the substrate to a second location. The present invention also relates to an article of manufacture having a motion detector with a substrate with a first surface, and a volume of material contained within the substrate and adapted to transmit light from a first location on the first surface to at least a second location. The present invention also relates to methods of making the articles and to methods of transmitting information and detecting motion.